

ABSTRACT

Method of preparing a metal oxide layer on a substrate, in which the following
5 successive steps are carried out:

a) a metal oxide powder is dispersed in a liquid medium comprising a dispersion solvent and a dispersant, the said liquid medium containing neither plasticizer nor binder, by means of which a suspension A of the said metal oxide powder in the said liquid medium is obtained;

10 b) a solution of at least one polymer in a solvent is added to the said suspension A, by means of which a suspension B is obtained;

c) suspension B is deposited on the substrate by a dip coating method, by means of which a green layer is obtained;

d) the green layer obtained in step c) is dried; and

15 e) the dried layer obtained in step d) is calcined.